



DEPARTMENT OF THE NAVY

U.S. NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER
PSC 473 BOX 68
FPO AP 96349-0068
(YOKOSUKA, JAPAN)

NPMOCYOKOINST 3140.7K CH-2
N7

JAN 31 2003

NPMOC YOKOSUKA INSTRUCTION 3140.7K CHANGE TRANSMITTAL 1

Subj: FLEET LIAISON PROGRAM

Encl: (1) Revised Fleet Liaison Visit Checklist

1. Purpose. To issue change 2 to the basic instruction.
2. Action

a. Remove enclosure (1) from the basic instruction and replace it with enclosure (1) of this transmittal.

K. J. Shanebrook
K. J. SHANEBROOK

Distribution:
NPMOCYOKOINST 5215.1J
Lists I/II

Copy to:
COMNAVMETOCCOM N3
NAVOCEANO N3



DEPARTMENT OF THE NAVY

U.S. NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER
PSC 473 BOX 68
FPO AP 96349-2902
(YOKOSUKA, JAPAN)

NPMOCYOKOINST 3140.7K CH-1

N7

10 JUN 2000

NPMOC YOKOSUKA INSTRUCTION 3140.7K CHANGE TRANSMITTAL 1

Subj: FLEET LIAISON PROGRAM

Encl: (1) Revised Fleet Liaison Visit Checklist

1. Purpose. To issue change 1 to the basic instruction.

2. Action

a. Remove the phrase "and Tailored Ship Training Availability (TSTA) Phase I and II" from paragraph 4d.

b. Delete paragraph 5b and renumber paragraphs 5c and 5d to 5b and 5c respectively.

c. In renumbered paragraph 5b, change "Services" to liaison and "MET Department Head" to Commanding Officer.

d. Remove the acronym "TSTA" from paragraph 6b(3).

e. Remove enclosure (1) from the basic instruction and replace it with enclosure (1) of this transmittal.

K. J. Shanebrook
K. J. SHANEBROOK

Distribution:
NPMOCYOKOINST 5215.1I
Lists I/II

Copy to:
COMNAVMETOCCOM N3
NAVOCEANO N3



DEPARTMENT OF THE NAVY

U.S. NAVAL PACIFIC METEOROLOGY AND OCEANOGRAPHY CENTER

PSC 473 BOX 68
FPO AP 96349-2902
(YOKOSUKA, JAPAN)

CH-2 31 JAN 03
CH-1 10 JUN 02
NPMOCYOKOINST 3140.7K
N7
09 NOV 2001

NPMOC YOKOSUKA INSTRUCTION 3140.7K

Subj: FLEET LIAISON PROGRAM

Ref: (a) NAVMETOCCOMINST 3140.7G
(b) NAVMETOCCOMINST 3140.1L
(c) Memorandum of Understanding (MOU) with ATGWP
(d) NAVMETOCCOMINST 1500.2J

Encl: (1) Fleet Liaison Visit Checklist

1. Purpose. To provide guidance for conducting an active Fleet Liaison Program in accordance with Commander, Naval Meteorology and Oceanography Command (COMNAVMETOCCOM) goals and objectives as set forth in references (a) and (b), and to conduct meteorology and oceanography training with Afloat Training Group Western Pacific (ATGWP) as set forth in reference (c).

2. Cancellation. NPMOCYOKOINST 3140.7J.

3. Background. The primary function of Naval Meteorology and Oceanography (NAVMETOCCOM) activities is to provide meteorology and oceanography (METOC) products and Global Geospatial Information and Services (GGI&S) throughout the Department of the Navy (DoN) and to provide oceanography support to all elements of the Department of Defense (DoD). An active Fleet Liaison Program ensures and heightens awareness of NAVMETOCCOM products and services to the warfighter in order to optimize the employment of weapons systems and increase operational safety.

4. Objectives

a. To provide direct support to fleet operations and staff level planning.

b. To ensure the widest possible dissemination and awareness of environmental, tactical, and ship routing products to DoN and DoD assets.

09 NOV 2001

c. To improve the quality of environmental support products generated by NPMOC Yokosuka by pursuing timely feedback regarding the needs and requirements of fleet units.

d. To assist in the preparations for Command Assessment of Readiness and Training (CART) Phase II and Tailored Ship Training Availability (TSTA) Phase I and II in accordance with reference (c).

e. To provide timely and professional METOC training to fleet units as directed by reference (d).

f. To work closely with the Naval Oceanographic Office Representative (NAVO REP) to determine and fulfill environmental requirements.

g. To act as the Oceanographer of the Navy's representative in matters relating to the Navigator of the Navy and Global Geospatial Information and Systems.

5. Responsibilities

a. The Commanding Officer, NPMOC Yokosuka has overall responsibility for the METOC Fleet Liaison Program within the NPMOC Yokosuka AOR.

b. The Mobile Environmental Team (MET) Department Head is the Fleet Liaison Officer for NPMOC Yokosuka, assisted by the Fleet Services Officer and Fleet Liaison Division.

c. The Fleet Services Officer is responsible for maintaining the program and reports to the MET Department Head.

d. Each Detachment Officer-in-Charge/Chief Petty Officer-in-Charge/Leading Petty Officer-in-Charge will function as the Fleet Liaison Officer for their respective Detachment. Fleet Liaison Officers are responsible for administering the program and report directly to the NPMOC Yokosuka Fleet Liaison Officer.

6. Action

a. Fleet Liaison Officers will establish a Fleet Liaison Program in accordance with reference (a) that meets the unique

09 NOV 2001

needs of their supported activities and satisfies the overall objectives established by the Commanding Officer.

b. The Fleet Liaison Program is not intended to limit or replace initiatives of subordinate activities. Fleet Liaison Officers will:

(1) Establish and maintain active liaison with local staffs, homeported and visiting ships, and other commands and activities that use NAVMETOCCOM products and services. This liaison includes, but is not limited to:

(a) Conducting site visits to homeported afloat commands at least annually. Visits should also be conducted for ships returning from deployment or exercise, and every opportunity should be taken to visit ships new to the AOR or who infrequently visit port.

(b) Keeping local shore commands and activities appraised of additions or changes to METOC products and services that may affect their mission.

(c) Discussing the mission of NPMOC Yokosuka and its ability to provide METOC services in support of all warfare mission areas, and to increase awareness of NAVMETOCCOM products by disseminating procedures for obtainment and usage.

(d) Discussing and providing guidance on environmental communications and weather reporting requirements and procedures.

(e) Explaining the applications and limitations of environmental products.

(f) Soliciting feedback in order to tailor NPMOC Yokosuka products and services to better meet the needs and requirements of fleet units.

(2) Provide assistance at the staff level to ensure the role of the environment is considered when planning all aspects of operational evolutions and exercises.

09 NOV 2001

(3) Perform environmental CART/TSTA evaluations in accordance with ATGWP guidance. These evaluations include but are not limited to:

(a) Inspecting and updating applicable forms and publications.

(b) Ensuring all environmental equipment and instruments are in an operational status.

(c) Assessing Quartermaster and Sonar Technician proficiency in the areas of weather and bathythermograph observations, Optimum Track Ship Routing (OTSR) correspondence, Enroute Weather Forecast (WEAX) interpretation and Tropical Cyclone/High Winds and Seas plotting. Providing appropriate training as required.

(4) Improve quality of environmental data collection efforts through an on-going training program for Fleet personnel who observe, record and transmit environmental information. These efforts include:

(a) Conducting Quartermaster weather observing, recording and encoding training as requested.

(b) Conducting Sonar Technician Bathythermograph Observation training as requested.

c. NPMOC Yokosuka Fleet Liaison Officer will:

(1) Provide, upon request, pre-deployment and exercise briefings to all DoD ships departing from Yokosuka Naval Base and Yokohama. For US Navy ships these briefings will consist of, but are not limited to:

(a) Three-day (72 Hour) forecasts from the point of departure.

(b) Climatology and oceanography for anticipated areas of operation.

(c) Historical tropical cyclone data and tropical cyclone evasion procedures to include typhoon havens and heavy weather reporting requirements.

09 NOV 2001

(d) Discussion on products and services available from NAVMETOCCOM activities.

(2) Coordinate and perform tactical METOC training for Yokosuka homeported ships, Forward Deployed Naval Force OA Divisions, and NPMOC Yokosuka detachments.

(a) Actively liaise with NAVMETOCPRODEVCON and other training activities to provide formal classroom training.

(b) Upon request, provide fleet units with tactical METOC training to be conducted by the Mobile Environmental Team.

7. Enclosure (1) will be used by NPMOC Yokosuka Fleet Liaison to conduct annual visits to Yokosuka homeported SEVENTH Fleet ships (excluding CV and LCC) to obtain feedback on the quality, timeliness, and applicability of METOC services provided. Detachments should tailor this form to meet their requirements.


K. J. SHANE BROOK

Distribution:
NPMOCYOKOINST 5215.1I
List I/II

Copy to:
COMNAVMETOCCOM N3
NAVOCEANO N3

NPMOCYOKOINST 3140.7K

JAN 31 2003

FLEET LIAISON VISIT CHECKLIST

Naval Pacific Meteorology and Oceanography Center
(NAVPACMETOCEN), Yokosuka Japan

Command/Department visited:

Date of visit: POC/Tel/Email:

Person/s conducting visit:

Reason for visit: Initial/Annual/Ship Request/other:

Discussion points checklist:

TRAINING

- ☐ QM surface weather observations
- ☐ Basic weather training
- ☐ ST USW training
- ☐ Typhoon evasion

BRIEFINGS

- ☐ Pre-sail/navigation weather briefings
- ☐ Post-deployment/exercise debrief

METEOROLOGY

- ☐ WEAX/AVWX/OTSR
- ☐ On-scene forecasting (MET)
- ☐ Warnings (winds/seas/typhoon)
- ☐ Climatology information

ATMOSPHERIC

- ☐ Propagation conditions
- ☐ AREPS 2.1/radar propagation predictions

OCEANOGRAPHY

- ☐ Ocean Currents
- ☐ PCIMAT 5.0, on-scene acoustics (MET)
- ☐ SST (XBT, MODAS, remote sensing satellite)
- ☐ Sonic Layer Depth (BT, climatology, MODAS)
- ☐ Climatology
- ☐ JOTS/GCCS-M Overlays

JAN 31 2003

Operational/Administrative/Fleet Liaison Support

1. What is the command's awareness level of available METOC products/services?
2. How often does this command access/obtain METOC information from NPMOC Yokosuka web site? <https://www.yoko.npmoc.navy.mil/>
3. What specific METOC products/services does this command find relevant and/or not relevant?
4. Does the command hold the latest NAVMETOCCOMINST 3140.1 and CPF/C7F OPORD 201 Annex H?
5. Would the Command's CO/XO/NAV/OPSO like a tour of NPMOC?
6. Follow up action for NPMOC?
7. Follow up action for visited command?
8. Additional comments?

Navigator/Quartermaster Interview

1. What Meteorology and Oceanography (METOC) products and services have you or your command used?
 2. Any suggestions on how we can improve our METOC support?
 3. How would you assess the overall quality of forecast products you have received from NAVPACMETOCCEN Yokosuka?
 4. Are the forecasts accurate and representative of the conditions that were encountered? _____. Have there been specific instances when you were surprised by the weather conditions (i.e., different from forecast)?
 5. Can you recall any specific instances where the forecasts you received influenced the operational decision process, other than an OTSR divert? _____
- _____.
- If so, did conditions verify as forecast? _____.

NPMOCYOKOINST 3140.7K

JAN 31 2003

6. What improvements in either forecast accuracy or product availability would we need to make in order to better support your decision making process?
7. How do you primarily obtain high winds/seas warnings, typhoon warnings, and other METOC information?
8. Explain how high winds/seas and typhoon warnings are plotted.
9. Date this command's watch standers last received weather observation training?
10. Are you aware of the availability of typhoon evasion training and pre-sail/navigation weather briefs prior to deployments? What is your assessment of past briefs received?
11. With the cancellation of CAD OCEANO WEST on 31 DEC 02, Does your command now send WX observations to:

TO NAVPACMETOCCEN PEARL HARBOR HI//30/JTWC//
FLENUMMETOCCEN DATA MONTEREY CA//DATA//
NAVPACMETOCCEN SAN DIEGO CA//30//
NAVPACMETOCCEN YOKOSUKA JA//N3//
INFO CNO WASHINGTON DC//N096/N311WX/TFC//
COMTHIRDFLT
NAVOCEANO STENNIS SPACE CENTER MS//N321//
12. Are requests for products/services sent to the PLA NAVPACMETOCCEN YOKOSUKA, JA//N3/N5//?
13. Are you aware of Mobile Environmental Team (MET) and NAVPACMETOCCEN (Center) services available to you (weather, QM training, ST training, Oceanography, Acoustics, Electromagnetic (AREPS))?
14. Do you have the Electronic Charts Display and Information Systems-Navy (ECDIS-N)? _____. If yes, is it currently installed on your ship? _____. If yes, has training been provided on the system's operation and maintenance? _____. If so, do you now, or have you recently utilized ECDIS-N during recent deployments? _____.
15. Additional comments?

JAN 31 2003

NAVPACMETOCEN Yokosuka POC phone numbers, and e-mail addresses:

Commanding Officer: 243-9634, 00@yoko.npmoc.navy.mil

Executive Officer: 243-9075, 01@yoko.npmoc.navy.mil

Operations Officer: 243-7882, n3@yoko.npmoc.navy.mil

Command Duty Officer: 243-7798, cdo@yoko.npmoc.navy.mil

MET Officer: 243-7915, n5@yoko.npmoc.navy.mil

Fleet Liaison: 243-5937, n7@yoko.npmoc.navy.mil

Weather Recording: 243-5155

NAVPACMETOCEN Yokosuka Japan Internet site:

<https://www.yoko.npmoc.navy.mil/>

(Internet Explorer version 5.0 with 128 bit cipher strength required)